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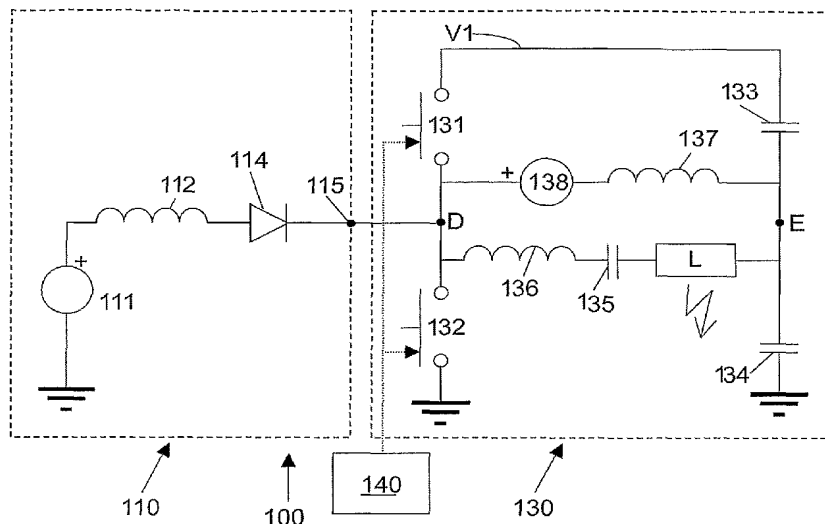
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(54) Title: LAMP DRIVER USING SOLAR CELLS



(57) Abstract: A solar energy powered lamp driver (100; 200) capable of driving a gas discharge lamp (L) comprises: - a half-bridge inverter (130), comprising: a first branch of two controllable switches (131, 132) coupled in series between a first reference node (VI) and a second reference node (mass); a second branch of two buffer capacitors (133, 134) coupled in series between said first reference node (VI) and said second reference node (mass); an output branch (DE) connected between on the one hand a first node (D) between said two controllable switches (131, 132) and on the other hand a second node (E) between said two buffer capacitors (133, 134); a boost converter (110), having an output (115) connected directly to said first node (D) between said two controllable switches (131, 132).

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